

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/02/2004

Perkins Coie 101 Jefferson Drive Menlo Park, CA 94025-1114 EXAMINER

BELL, BRUCE F

ART UNIT PAPER NUMBER

1746

DATE MAILED: 09/02/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/089,004	03/22/2002	Manabu Toyoshima	60173-301301	4553

TITLE OF INVENTION: WATER-ELECTROLYSIS-DEVICE-USE ELECTRODE PLATE, UNIT, SOLID ELECTROLYTIC MEMBRANE UNIT AND ELECTROLYTIC CELL

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	12/02/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be smiled to the property of the

CORRENT COMESSIONINGS (ADMESS) Notes. List that I for my charge of address) Perkins Coie 101 Jefferson Drive Menlo Purk, CA 9402-5114 **Total Purk CA 9402-5114** **Total Purk CA 9402-511	maintenance fee notification	ns.	2.00k 1, 0j (c	n) specifying	a new correspondence address	s; and/or (b) indicating a sep	parate "FEE ADDRESS" fo
Perkins Coie 101 Jefferson Drive Menlo Park, CA 94025-1114 Menlo Park, CA 94025-1114	CORRENT CORRESPONDENC	E ADDRESS (Note: Use Block 1 fo	r any change of address)		Note: A certificate of	f mailing can only be used	for domestic mailings of th
Petkins Coie 101 Jefferson Drive Menlo Park, CA 94025-1114 Petkins Coie 102 Petkins Coie 103 Petkins Coie 104 Petkins Coie 105 Petkins Coie 105 Petkins Coie 105 Petkins Coie 106 Petkins Coie 106 Petkins Coie 107 Petkins Coie 107 Petkins Coie 108 Petkins	73	590 09/02/2004			papers. Each addition have its own certificat	his certificate cannot be used al paper, such as an assignm te of mailing or transmission	l for any other accompanying nent or formal drawing, mu
Menlo Park, CA 94025-1114 APPLICATION NO. PILING DATE FRST NAMED INVENTOR ATTORNEY DOCKET NO. CONTEMATION NO. 10089,009 03/22/2002 Marabu Toyoshima 60173-301301 453 Marabu Toyoshima 6017	Perkins Coie				Ċ	rtificate of Mailing on Tra-	•
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.		=			I hereby certify that the	his Fee(s) Transmittal is being	ismission ng deposited with the Unite
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.	Menlo Park, CA 94	1025-1114			States Postal Service addressed to the Ma	with sufficient postage for fi	rst class mail in an envelop
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. COMPREMATION NO.					transmitted to the USI	PTO (703) 746-4000, on the	
APPLICATION NO. PILING DATE							
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10089,004 03/22/2002 Manabut Toyoshima 60173-301301 4553 TITLE OF INVENTION: WATER-ELECTROLYSIS-DEVICE-USE ELECTRODE PLATE, UNIT, SOLID ELECTROLYTIC MEMBRANE UNIT AND ELECTROLYTIC MEMBRANE UNIT AND ELECTROLYTIC MEMBRANE UNIT AND ELECTROLYTIC MEMBRANE UNIT AND STATE OF CONTROL OF THE PUBLICATION FEE TOTAL FEES) DUE DATE DUE nonprovisional NO \$1330 S0 \$1330 12/02/2004 EXAMINER ART UNIT CLASS-SUBCLASS BELL, BRUCE F 1746 204-288000 I. Change of correspondence address (or Change of Correspondence Address for Proceedings of the Publication for Tec Address' indication for Tec Address'							
10/089/004 03/22/2002 Manabu Toyoshima 60173-301301 4553 TITLE OF INVENTION: WATER-ELECTROLYSIS-DEVICE-USE ELECTRODE PLATE, UNIT, SOLID ELECTROLYTIC MEMBRANE UNIT AND ELECTROLYTIC CELL APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE EXAMINER ART UNIT CLASS-SUBCLASS BELL, BRUCE F 1746 204-288000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.35) CTR 1.56) TOTAL FEE SHOOL TO THE ADDRESS TO	APPLICATION NO.	FILING DATE	<u> </u>	FIRST NAME	D INVENTOR	ATTORNEY DOCKET NO	T
APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1330 \$0 \$1330 \$12/02/2004 EXAMINER ART UNIT CLASS-SUBCLASS BELL, BRUCE F 1746 204-288000 L. Change of correspondence address or indication of "Fee Address" (37 CFR 1.36). Change of correspondence address or indication of "Fee Address" (37 CFR 1.36). CPE Address' indication ton or "Fee Address" (1847 (1948) and the patent of a single firm (having as a member a profisely 7, Rev 03.02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recondation as set forth in 37 CFR 3.11. Completion or this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): I individual Corponation or other private group entity Government 4a. The following fee(s) are enclosed: Publication Fee (No small entity discount permitted) Advance Order + br of Copies Publication Fee (No small entity discount permitted) Publication Fee (Fee): Publication Fee (No small entity discount permitted) Publication Fee (Fee): Publication Fee (No small entity discount permitted) Publication Fee (Fee): Publication Fee (No small entity discount permitted) Publication Fee (Fee): Publication of Fee (Publication Fee (Fee): Publication	10/089,004	03/22/2002				<u> </u>	
APPLN.TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonptrovisional NO \$1330 \$0 \$1330 12/02/2004 EXAMINER	TITLE OF INVENTION	: WATER-ELECTROLY	SIS-DEVICE-USE		•		
nonprovisional NO \$1330 \$0 \$1330 12/02/2004 EXAMINER	ELECTROLYTIC CELL			222011	tobe rente, out, sol	LID ELECTROLITIC M	EMBKANE UNIT AND
nonprovisional NO \$1330 \$0 \$1330 12/02/2004 EXAMINER							
EXAMINER ART UNIT CLASS-SUBCLASS BELL, BRUCE F 1746 204-288000 1. Change of correspondence address or indication of "Fee Address" (37 CR 1, 156). Change of correspondence address (or Change of Correspondence Address forn PTO/SB1/12) attached. — The Address indication of "Fee Address" indication form PTO/SB1/12) attached. — The Address indication of "Fee Address" indication form PTO/SB1/12) attached. — The Address indication of "Fee Address" indication form PTO/SB1/12) attached. — The Address indication of "Fee Address" indication form PTO/SB1/12) attached. — The Address indication of "Fee Address" indication form PTO/SB1/12) attached. — The Address indication of "Fee Address" indication form PTO/SB1/12) attached. — The Address indication of "Fee Address" indication form PTO/SB1/12) attached. — The Address indication of "Fee Address" indication form PTO/SB1/12) attached. — The Address indication of "Fee Address" indication form PTO/SB1/12) attached. — The Address indication of the Address indication form in St. (2) the name of a single firm (having as a member a registered patent attorneys or agents. If no name is a registered patent attorneys or agents and the names of up to 2 registered patent attorneys or agents. If no name is 1 single patent attorneys or agents attached below, no assigned that will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT as substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): individual incorporation or other private group entity in Government of the Cet(s): individual incorporation or other private group entity in Government of Fee(s): individual incorporation or other private group entity in Government of Fee(s): individual incorporation or other private group entity in Government of Fee(s): individual incor	APPLN, TYPE	SMALL ENTITY	ISSUE FE	E	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
BELL, BRUCE F 1746 20-288000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.53). 1. Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) atrached. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or grapers of R. Branch (1) the names of up to 3 registered patent attorneys or grapers of R. Branch (1) the names of up to 3 registered patent attorneys and the names of up to 3 registered patent attorneys and the names of up to 3 registered patent attorneys and the names of up to 2 registered patent attorneys and the names of up to 3 registered patent attorneys and the names of up to 3 registered patent attorneys and the names of up to 3 registered patent attorneys and the names of up to 3 registered patent attorneys and the names of up to 2 registered patent attorneys and the names of up to 3 registered paten	nonprovisional	NO	\$1330		\$0	\$1330	12/02/2004
I. Change of correspondence address or indication of "Fee Address" (37 I. Change of correspondence address (or Change of Correspondence Address form PTO/SB/42) attached. Change of correspondence address (or Change of Correspondence Address from PTO/SB/42) attached. General Address from PTO/SB/43, Rev 03-02 or more recent) attached. Use of a Customer Number is required. General Address indication for "Fee Address" Indication from PTO/SB/43, Rev 03-02 or more recent) attached. Use of a Customer Number is required. General Address in Customer Number is required. General Number is r	EXAM	INER	ART UN	T	CLASS-SUBCLASS]	
Chr. 1, 36.5). Change of correspondence address (or Change of Correspondence Address form PTO/SB/47; Rev 03.02) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): I Individual Corporation or other private group entity Government 4a. The following fee(s) are enclosed: (b) Payment of Fee(s): (c) I Issue Fee (c) Publication Fee (No small entity discount permitted) (d) Advance Order - # of Copies (e) Payment of yeredit card. Form PTO-2038 is attached. (e) Payment by credit card. Form PTO-2038 is attached. (f) Payment by credit card. Form PTO-2038 is attached. (g) Payment by credit card. Form PTO-2038 is attached. (h) Applicant claims SMALL ENTITY status. See 37 CFR 1.27. (h) Applicant of a publication fee (if required) will not be accepted from anyone other than the applicant; a registered patent attorneys or agents of up to 3 registered patent attorneys or agents. If no name is 1 isled, no name will be printed. (ii) the names of up to 3 registered patent attorneys or agents. If no name is 1 isled, no name will be printed. (ii) the names of up to 3 registered patent attorneys or agents. If no name is 1 isled, no name will be printed. (ii) the names of up to 3 registered patent attorneys or agents. If no name is 1 isled, no name will be printed. (iii) the names of up to 3 registered patent attorney or agents. If no name is 1 isled, no name will be printed. (iii) the names of up to 3 registered patent attorney or agents. If no name will be printed. (iii) the names of up to 3 registered pat	BELL, B	RUCE F	1746		204-288000	J	
(1) the names of up to 3 registered patent attorneys or agents CR, alternatively, (2) the names of a single firm (having as a member a registered patent) or agents CR, alternatively, (2) the name of a single firm (having as a member a registered patent) and the names of up to 2 registered patent attorneys or agent) and the names of up to 2 registered patent and the names of up to 2 registered patent and the names of up to 2 registered patent and the names of up to 2 registered patent and the names of up to 2 registered patent and the names of up to 2 registered patent and the names of up to 2 registered patent and up to 2 regist	1. Change of correspondence	address or indication of "Fo	ee Address" (37	2. For prin	nting on the patent front page, lis	st	
Fee Address" indication for "Fee Address" Indication form PITOSBAY: Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filling an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): Issue Fee A check in the amount of the fee(s) is enclosed. Payment of Pee(s): Pa		ence address (or Change of	Correspondence	(1) the na	mes of up to 3 registered naten		
PTO/SB47: Rev 03-02 or more recend) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government data. The following fee(s) are enclosed: Debication Fee (No small entity discount permitted) Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. Payment by credit card. Form PTO-2038 is	Address form PTO/SB/12	2) attached.	, , , , , , , , , , , , , , , , , , , ,	-		member a 2	
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government for following fee(s) are enclosed: A the following fee(s) are enclosed: A check in the amount of the fee(s) is enclosed. Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. Payment by credi	P10/56/4/; Rev 03-02 o	on (or "Fee Address" Indica r more recent) attached. Use	tion form e of a Customer	2 registered	attorney or agent) and the named patent attorneys or agents. If	es of up to	
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): Issue Fee A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. Payment by credit card. Form PTO-2038 is attached. Payment by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) A Applicant claims SMALL ENTITY status. See 37 CFR 1.27.	3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT	(print or type)		
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): Issue Fee A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. Payment by credit card. Form PTO-2038 is attached. Payment by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) A Applicant claims SMALL ENTITY status. See 37 CFR 1.27.	PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	low, no assignee of of this form is NOT	lata will appo a substitute	ear on the patent. If an assigne for filing an assignment.	ee is identified below, the d	ocument has been filed for
4a. The following fee(s) are enclosed: Issue Fee							
4a. The following fee(s) are enclosed: Issue Fee						·	
4a. The following fee(s) are enclosed: Issue Fee	Dia tata						
□ Issue Fee □ A check in the amount of the fee(s) is enclosed. □ Publication Fee (No small entity discount permitted) □ Advance Order - # of Copies □ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) □ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature □ Date □ Typed or printed name □ Registration No. □ This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete information of fricer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.					·	rporation or other private gro	oup entity Government
Publication Fee (No small entity discount permitted) Advance Order - # of Copies Deposit Account Number The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to (enclose an extra copy of this form). Change in Entity Status (from status indicated above) Applicant claims SMALL ENTITY status. See 37 CFR 1.27. B. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date Typed or printed name Registration No. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Patent and Trademark Office, U.S. Patent and Trademark Office, V.S. Patent an	_	netoscu.			• /		
Advance Order - # of Copies		nall entity discount permitte					
Deposit Account Number	Advance Order - # of (Conies					
□ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature □ Date □ Typed or printed name □ Registration No. □ This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.				Deposit Acco	ount Number	arge the required fee(s), or of the contract o	credit any overpayment, to opy of this form).
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date Typed or printed name Registration No. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.							
Authorized Signature				on Fee (if an	ant is no longer claiming SMAL	L ENTITY status. See 37 CF	R 1.27(g)(2).
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	NOTE: The Issue Fee and Pul interest as shown by the recor	blication Fee (if required) w ds of the United States Pater	ill not be accepted of and Trademark C	from anyone office.	other than the applicant; a regis	tered attorney or agent; or the	e assignee or other party in
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	Authorized Signature				Date		
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete from and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.							
an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.					Obtain or retain a honofit hereb	e public which is to £1. (c. 1	butha Henro
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.	an application. Confidentiality submitting the completed app this form and/or suggestions f Box 1450, Alexandria, Virgin Alexandria, Virginia 22313-14	y is governed by 35 U.S.C. lication form to the USPTC or reducing this burden, she is 22313-1450. DO NOT S 450.	122 and 37 CFR 1. Time will vary doubt be sent to the CEND FEES OR CC	14. This colle epending upo Chief Informa OMPLETED	ection is estimated to take 12 m on the individual case. Any con ation Officer, U.S. Patent and T FORMS TO THIS ADDRESS.	inutes to complete, including nments on the amount of tim rademark Office, U.S. Depai SEND TO: Commissioner fo	by the USPIO to process) as gathering, preparing, and the you require to complete extrement of Commerce, P.O. or Patents, P.O. Box 1450,
	Under the Paperwork Reduction	on Act of 1995, no persons a	re required to respo	ond to a colle	ection of information unless it di	splays a valid OMB control r	number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/089,004 03/22/2002		Manabu Toyoshima	60173-301301	4553
	90 09/02/2004		ЕХАМ	INER
Perkins Coie 101 Jefferson Drive	•		BELL, B	RUCE F
Menlo Park, CA 94025-1114			ART UNIT	PAPER NUMBER
			1746	
			DATE MAILED: 09/02/2004	1

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 469 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 469 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/089,004 03/22/2002		Manabu Toyoshima	60173-301301 4553	
	90 09/02/2004		EXAM	UNER
Perkins Coie 101 Jefferson Drive	:		BELL, B	RUCE F
Menlo Park, CA 94	025-1114		ART UNIT	PAPER NUMBER
			1746	
			DATE MAILED: 09/02/200	4

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because an increase in fees effective on October 1, 2004 is anticipated. See Revision of Patent Fees for Fiscal Year 2005; Proposed Rule, 69 Fed. Reg. 25861, 25863, 25864 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is proposed to be amended by revising paragraphs (a) through (c) to read as set forth below. As stated above, the final fee may be a different amount, and applicant should check the WEB site given above when paying the fee.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue paten	ıt,
except a design or plant patent:	

By a small entity (Sec. 1.27(a))	\$670.00
By other than a small entity	

(b) Issue fee for issuing a design patent:

By a small entity	(Sec. 1.27(a))	\$245.00
Dry other then a a		#400 00

By other than a small entity......\$490.00

(c) Issue fee for issuing a plant patent:

By a small entity	(Sec.	1.27(a)).	\$325.00
D 4			

By other than a small entity...... \$650.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.